

# PRODUCT DATASHEET

## Smart+ ZB Outdoor Flex RGBW

SMART+ Outdoor Flex Multicolor | Flexible LED strips for outdoor use with Zigbee technology

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### Areas of application

- General illumination
- Gardens
- Patios, balconies



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### Product benefits

- Easy to install and use

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### Product features

- Flexible RGBW strip with wireless smart lighting function
- RGB color control, approx. 16 million color options adjustable
- Adjustable color temperature via Tunable White: 2,000...6,500 K
- Dimmable
- Mounting via clips (supplied)
- Protection class (strip): IP65
- Protection class (power supply): IP44
- Network protocol: ZigBee
- Lifetime: up to 20,000 h
- Controllable via compatible smart home system (gateway and app) or SMART+ Switch
- For full functionality, connection to a compatible smart home System (gateway and app) required

TECHNICAL DATA

Electrical data

|                        |                     |
|------------------------|---------------------|
| Nominal wattage        | 11.00 W             |
| Nominal voltage        | 220...240 V         |
| Nominal current        | 70.000 mA           |
| Mains frequency        | 50...60 Hz          |
| Power factor $\lambda$ | > 0.50              |
| Operating mode         | External LED driver |

Photometrical data

|                                                |                                 |
|------------------------------------------------|---------------------------------|
| Light color (designation)                      | Red / Green / Blue / Warm White |
| Nominal luminous flux                          | 950 lm                          |
| Luminous flux                                  | 950 lm                          |
| Total luminous flux of contained light sources | 1600 lm                         |
| Luminous efficacy                              | 63 lm/W                         |
| Color temperature                              | 2000 ... 6500 K                 |
| Color rendering index Ra                       | ≥80                             |

Light technical data

|               |         |
|---------------|---------|
| Beam angle    | 120 °   |
| Starting time | < 0.5 s |

Dimensions & Weight



|                |            |
|----------------|------------|
| Product weight | 560.00 g   |
| Length         | 5000.00 mm |
| Width          | 12.00 mm   |
| Height         | 4.50 mm    |

Lifespan

|                            |         |
|----------------------------|---------|
| Number of switching cycles | 15000   |
| Lifespan                   | 20000 h |

Colors & materials

|               |       |
|---------------|-------|
| Product color | White |
|---------------|-------|

|                |                    |
|----------------|--------------------|
| Housing color  | White              |
| Body material  | Plastic            |
| Cover material | Polycarbonate (PC) |

Capabilities

|                    |                  |
|--------------------|------------------|
| Dimmable           | Yes              |
| Type of connection | Plug type C (EU) |

Certificates & Standards

|                    |      |
|--------------------|------|
| Standards          | CE   |
| Protection class   | II   |
| Type of protection | IP65 |

EQUIPMENT / ACCESSORIES

- Power supply included
- Control via app requires LIGHTIFY system (app and gateway) or other compatible Smart home system

Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm’s reach.
- Do not connect the rope light to the supply while it is wound onto a reel. Do not use the lightstrip when covered or recessed into a surface. The string of lights may not be operated within the packaging. Do not open the lightstrip.
- Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                     |
|------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------|
|  | User instruction / safety instructions | Smart ZB Outdoor Flex RGBW        |
|  | Legal information                      | Safety insert G11235684           |
|  | Declarations of conformity             | SMART FLEX                        |
|  | EU Data Act                            | SMART ZigBee Lamps and Luminaires |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854483059 | Folding box<br>1             | 67 mm x 252 mm x 253 mm              | 668.00 g     | 4.27 dm <sup>3</sup>  |
| 4099854483066 | Shipping box<br>4            | 285 mm x 270 mm x 310 mm             | 3139.00 g    | 23.85 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.